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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

A substitute specification.

A power of attorney and/or change of address letter.

ATTORNEY'S DOCKET NUMBER

1200404N US U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US2005/005559 22 February 2005 (22.02.2005) 25 February 2004 (25.02.2004) TITLE OF INVENTION IMPACT-MODIFIED BLENDS APPLICANT(S) FOR DO/EO/US Marina ROGUNOVA, Alban WURTZ, Diana WEIDNER, Roger W. AVAKIAN Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)), An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording, A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1,821-1,825,

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4),

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

PTO-1390 (Rev. 07-2005)

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U.S. APPLICA	U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		•	INTERNATIONAL APPLICATION NO. PCT/US2005/005559		ATTORNEY'S DOCKET NUMBER 1200404N US		
20. Other items or information:								
Please add Customer Number 35227 to this application.								
The foil	owing fees have b	een submitted	· · · · · · · · · · · · · · · · · · ·	-	CALCULATIONS	PTO USE ONLY		
21. 🛚 Basi	c national fee (37	CFR 1.492(a))	***************************************	\$300	\$ 300.00	1		
22. X Exan	nination fee (37 CF	· · · · · · · · · · · · · · · · · · ·						
by IPEA/	ion prepared by IS US indicates all cl	s 200.00						
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 400.00			
TOTAL OF 21, 22 and 23 =					900.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets		dditional 50 or fraction RATE to a whole number)			117044		
-100 = /50 =		x \$250		\$ 0.00	È			
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$	1000 AND		
CLAIMS	CLAIMS NUMB		NUMBER EXTRA	RATE	\$			
Total claims	20	- 20 =	0	x \$50	\$ 0			
independent claims 1		- 3 =	0	x \$200	\$ 0			
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$			
TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$ 900.00			
SUBTOTAL =					\$ 0.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$			
TOTAL NATIONAL FEE =					\$ 900,00			
	the enclosed ass cover sheet (37 (\$ 0.00						
TOTAL FEES ENCLOSED =					\$	90 0.00		
					Amount to be refunded:	\$		
					Amount to be charged	\$		

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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
John H PolyO 33587 Avon Ph: 44 Fax: 4	LL CORRESPONDENCE TO: H. Hornickel Inc Corporation Walker Road Lake, OH 44012 0-930-3317 440-930-1179 cornickel@polyone.com LL CORRESPONDENCE TO: GRAPH CORRESPONDENCE TO: SIGNATURE SIGNATURE SIGNATURE SIGNATURE 29,393 REGISTRATION NUMBER						